

I.S.P.C.
January 12, 2006
Meeting Minutes

Attendees: Dave Kroeker, Terry Lowe, Don Herz, Randy Ober, Ken Kuszak, and Doug Thomas

Administration

Budget

The budget is being finalized and the City is due to be distributed on Tuesday, January 17, 2006. Our budget looks pretty good, as we were able to cut some expenses in networking due to the Time Warner money. This money will enable us to fund some of the items which normally would be put in rates for the following year. The County's budget should be completed next week. Doug Thomas will be sending that over to Dave Kroeker, who will be sending out packets with instructions in mid February. We should be able to reduce our budget again this year.

Networking

Backbone Switch Upgrade

We have received proposals back on our RFP and are negotiating with Spectrum, out of Omaha, for the upgrade of switches away from Avia switches to Nortel switches. Time Warner has approved the \$275,000 to upgrade to six switches, (two main and four lesser switches). We will spend the money initially and Time Warner will reimburse us based on proof of purchase. The County/City Building switches will prepare us for VoiP (Voice over Internet Protocol) with power over ethernet, as well as providing the potential for gig to desktop.

Fiber Optic Construction Projects

The construction projects for fiber installation using Time Warner monies will be determined during next springs construction season. Hopefully, the Federal Legislation will not pass before spring, and we lose the remaining \$425,000. We currently propose to complete our three major fiber projects with that money, which would close two spokes we currently have and create a loop between Mental Health, Lancaster Manor, Trabert Hall, F Street Recreation Center to the Health Department and the Fire Station #1. We will also look at the feasibility of adding the Parks Department in this loop. Parks are currently connected via multi-mode fiber on the Traffic fiber network. In addition, we would like to connect the spokes on north 27th Street between Public Works and the LPD Sub Station with the Radio Tower at 14th Street to create one loop. We would also like to connect from the Hall of Justice to Cherry Creek to form another loop, beings this is our disaster recovery site (Cherry Creek).

Impact of Possible K Street Complex Sale

Urban Development

The K Street project poses some much larger challenges than some seem to think. Urban Development has a 100 meg laser connection that attaches to the backbone network via an antenna on top of the K Street building. Periodically (heavy snow and/or fog) the laser doesn't function so their access is via a back up connection which is a 10 meg wireless radio which is also located on the roof of K Street. Consistently they complain when we go to the 10 meg radio. Should K street be sold their new DSL (only real option), will only be capable of 1/2 meg upload (save files), this represents 1/200th of their current speed The DSL's 3 meg download speeds represents a performance of about 1/33rd of their current speed, all of this at a cost of \$150 per month (currently \$0). This won't be for an hour here and there, this will be what they have all the time. Needless to say they will be less than excited about this performance. Establishing a

connection to the leased building where they reside was a significant challenge from the outset. Our solution was to install an antenna on the Haymarket building and shoot the signal down the alley behind the Holiday Inn. This worked but we have no other direct paths to get to the building due to the height and size of the Holiday Inn building.

Youth Service Center (formerly Juvenile Detention Center)

The Juvenile Service Center uses a 10 meg radio system for their access to the network. This is also installed on the roof of the K Street complex. They will also need to utilize the same type of DSL as Urban Development with a 1/20 upload speed when compared to what they currently have via the radio connection. The download speed will be slightly less than 1/3rd of their current connection speed.

Old City Hall

The Old City Hall be in the same boat as the Youth Service Center, (from a 10 meg radio down to a DSL), Due to their limited needs this is most likely a workable solution at this location.

Downtown (West Loop)

Fiber to the former Election Building, (now Human Services), StarTran, the Police Garage is all multi-mode fiber. We convert this signal to single mode in our network closet in the basement of the K Street Complex. If we loose this closet all of this fiber (multi-mode) will need to be removed and replaced with single mode fiber.

Future Considerations

We were considering the installation of a 108 meg radio system from K Street to Pershing Auditorium for disaster recovery/business continuity purposes. Obviously if K Street is no longer available this will not be an available option. Lastly, we were planning on putting up a temporary backup connection via a 108 meg wireless radio system from K Street to the Health Department. Again clearly with K Street out of the picture this won't be an option. It should be noted that this is not as material of a problem as once the fiber loop is constructed as described above the need for this backup system is significantly reduced.

Technical Support

Lancaster Manor

We have an American Health Care update that we will be putting on Lancaster Manor AS 400. This is tentatively scheduled for January 26, 2006. We will work with Billette on the final date once she returns from vacation. The system is operational, however, we continue to assist them with software upgrades. It has been suggested that a contact person be assigned to the Manor, to check in weekly and assist with problems. In the long run we want to consider have the Health Care System co-exist on one of our newer, more powerful AS 400s.

Mug Shot System

The equipment is here and the software is being customized to allow for transferring to and from the CJIS (ALPHA), system. We plan is to start installing the system on January 23, 2006. We will then begin the training process and the system should be in full production by January 30, 2006.

Utilization Statistics

The County PeopleSoft AS/400 prime shift utilization in December was 18.90% compared to 18.99% in November. Disk utilization is 35.5% up from 35.3% last month. Graphs were sent to Dave for the software and he has agreed to have Randy send them to him on a quarterly basis. A

monthly meeting with Jim and Joyce, brought up the fact that they needed to do more in keeping their people trained and up-to-date with the system.

The City Finance JDE AS/400 prime shift utilization in December was 9.63% compared to 9.9% in November. Disk utilization is 77.9%. We will begin to take a look at adding disk capacity to this AS/400 in the near future.

The CJIS Alpha server prime shift utilization in December was 46% compared to 40% in November.

The IBM z/890 Enterprise Server prime shift utilization was 50.10% in December compared with 54.51% in November. There were 3,855,444 CICS transactions executed which included 1,287,731 web transactions.

Information Center

Veritas Enterprise Back Up Software

We presently have Veritas on some of our servers and we like the software. They came back and visited in December and we are working on converting all of our servers to Veritas back up software. We estimate the cost will be less than \$50,000.

County Word Processing Server

The money (\$10,000), for the replacement of the server was budgeted this year. This will go off of Parts Depot in February. Based on this we need to get moving forward on this replacement.

Notes/POP Server Migration

All Email was going through the pop server. We are re-designing this and having all Email go through the Notes Server since that is the platform for the vast majority of our email users.

Microsoft Lawsuit

The Microsoft lawsuit papers were completed and sent, as well as receiving the product keycodes for Office. If they approve everything, we should be receiving around \$7,000. in vouchers.

Systems Development

InterLinc eGov

The new Water eBilling system will be deployed this month after internal approvals have been received.

A.C.T.I.O.N.

The InterLinc Action Center has settled down to around 10 complaints a day. The phase II (Ombudsman portion of the System) will get started the beginning of this month.

Web Assistant Training/Re-fresher

We will begin to build the training material for the Web Assistants Workshop that is scheduled for April 6, 2006. We are also working on an updated "Employee Self Service Center" via MyInterLinc that will make a variety of items self service for employees. Those items would include payroll information, check stubs, W2's, and personnel information.

Parking Tickets

We continue to do post-implementation reviews and network performance monitoring. The new meter location data base will be implemented this month so that the PSO's will only need to put

in the four digits on the meter, and the system will fill in the location, cross streets, and meter duration. We will upgrade the mobile devices software by the end of the month to improve performance, reduce syncing time, and add the new meter ID process.

County Attorney/Public Defender Case Management

The “NewDaw” software account representative is John Wilkins. He is aware of our rules for speedy trial and we are waiting for his ballpark pricing on their system.

Lincoln Fire & Rescue/PRIME

The fire inspection module has been coded, tested, and moved in to production. The vacation selection module has been completed and moved to production.

General Assistance

80% of the panels for the new system have been designed. The programming process will begin as soon as the design for the remainder of the panels is completed.

Next Meeting

February 9, 2006